



NOTES:

1. SOUNDINGS WERE TAKEN USING A RECORDING FATHOMETER OPERATING AT 208KHZ AND A DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) WAS USED TO OBTAIN HORIZONTAL POSITIONS.
2. SOUNDINGS ARE IN FEET REFERRED TO MEAN LOW WATER (MLW) BASED ON NATIONAL OCEAN SERVICE (NOS) OBSERVATIONS AND WERE TAKEN IN OCT 2000 AND JUNE 2003.
3. BENCH MARK IS CITY OF NORFOLK MON. "K-310" LOCATED ON THE SOUTHWEST CORNER OF BRIDGE ON SHORE DRIVE. ELEVATION=12.44 FT. ABOVE MLW.
4. COORDINATES ARE IN U.S. SURVEY FEET REFERRED TO THE VIRGINIA STATE GRID (SOUTH ZONE) BASED ON NAD83.

PURPOSE: MAINTENANCE DREDGING

DATUM: N.O.S. MLW=0.0'

ADJACENT PROPERTY OWNERS:

NOT APPLICABLE

LOCATION MAP

PREPARED BY:

Waterway

Surveys & Engineering, Ltd.

Virginia Beach, Virginia

PROPOSED DREDGING

IN: PRETTY LAKE -- PHASE III

CITY: NORFOLK

STATE: VIRGINIA

APPLICATION BY: CITY OF NORFOLK

**SCALE: N.T.S.
SHEET 1 OF 5**

DATE: AUGUST 31, 2004

EXISTING DAYBEACON 2

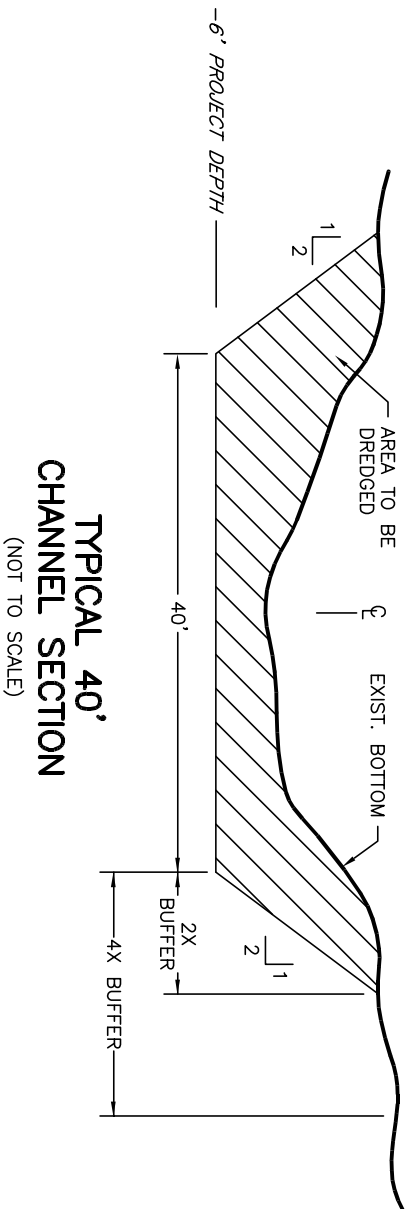


DAY BEACON ++
GREEN #21 - 74+16

PREPARED BY:

Surveys & Engineering, Ltd.
321 Cleveland Place, Virginia Beach, Va. 23462
Tel: (757) 490-1691 Fax: (757) 490-1348

SCALE: 1"=100'
SHEET 2 OF 5
DATE: AUGUST 31, 2004
REVISION: SEPT. 30, 2004



PURPOSE: MAINTENANCE DREDGING
DATUM: N.O.S. MLW=0.0'
ADJACENT PROPERTY OWNERS:
NOT APPLICABLE

CROSS SECTIONS

PREPARED BY:
Waterway
Surveys & Engineering, Ltd.
Virginia Beach, Virginia

PROPOSED DREDGING
IN: PRETTY LAKE - PHASE III
CITY: NORFOLK STATE: VIRGINIA
APPLICATION BY: CITY OF NORFOLK

SCALE: N.T.S. DATE: AUGUST 31, 2004
SHEET 5 OF 5